

Converting Colors

Hex(4C6862)

Have a look what the booklet for
Hex(4C6862) contains.

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Color

Hex(4C6862)

Conversions

Conversions Part 1

Format	Color
Hex	4C6862
RGB	76, 104, 98
RGB Percent	30%, 41%, 38%
CMY	0.7020, 0.5922, 0.6157
CMYK	0.27, 0.00, 0.06, 0.59
HSL	167°, 16%, 35%
HSV	167°, 27%, 41%
XYZ	10.1354, 12.3190, 13.3989
YIQ	94.9440, -14.7620, -7.8020

Conversions

Conversions Part 2

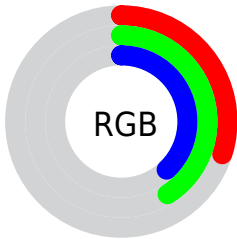
Format	Color
RYB	76, 92, 104
Decimal	5007458
CIELab	41.72, -11.68, 0.04
CIElCh	42, 11.684, 179.825
Yxy	12.3190, 0.2827, 0.3436
Android (android.graphics.Color)	4283197538 (0xFF4C6862)
YUV	94.9440, 1.5066, -16.6139
Hunter-Lab	35.0984, -9.8765, 1.9348

Details

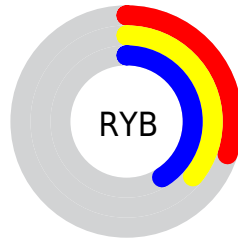
The Hex color **4C6862** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **684C52**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7E9B95**, and **1E3934** is the 20% darker color. If you saturate the color by 10%, you get **426860**, and if you desaturate by 10%, it is **566864**.

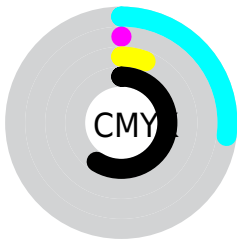
Distribution



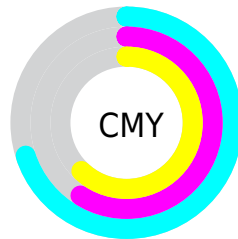
- Red (30%)
- Green (41%)
- Blue (38%)



- Red (30%)
- Yellow (36%)
- Blue (41%)



- Cyan (27%)
- Magenta (0%)
- Yellow (6%)
- Black (59%)



- Cyan (70%)
- Magenta (59%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6862 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4C6862 by changing the saturation by 10% instead.

■ 4C6862

■ 4C6862

FFFFFF

■ 35504A

■ 7E9B95

■ 1E3934

■ 98B6AF

■ 08231F

■ B3D2CB

■ 000C06

■ CEEEE7

■ 000000

■ EBFFFF

■ 4C6862

■ 4C6862

■ 426860

■ 566864

■ 37685E

■ 616866

■ 2D685B

■ 6B6869

■ 226859

■ 76686B

■ 186857

■ 80686D

■ 0E6855

■ 8A686F

■ 036852

■ 956872

■ 006852

■ 9F6874

■ AA6876

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



556759



4C6862



49686C

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4C6862



646073



725F52

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4C6862



684C52

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



765C59



4C6862



6F5D6C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4C6862



586375



755C63



6A624F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4C6862



4B6771



755C63



745E54

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4C6862



7C8785



52684C



3E4543



C4C4C4



454545

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4C6862



5C877E



4C6068



2E3332



00735A



00F2BE

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



684C52



875C65



68544C



332E2F



730019



F20034

Previews

White Background



This preview shows how the Hex color 4C6862 looks on a white background.

Color Contrast Check

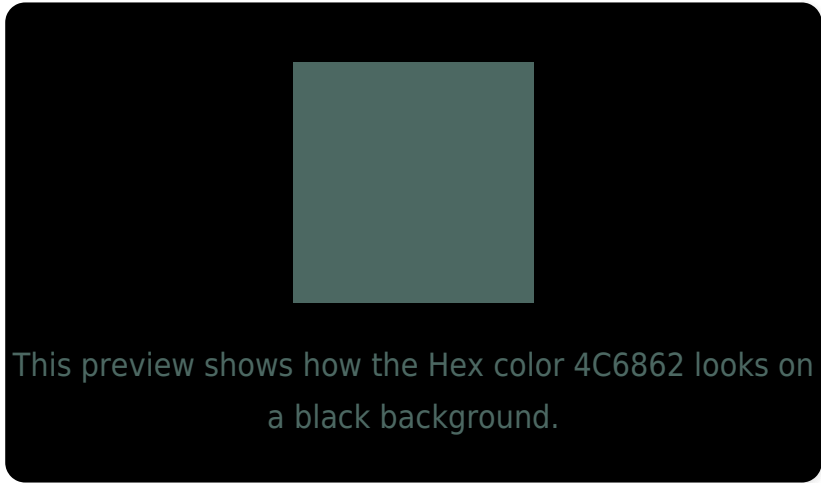
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

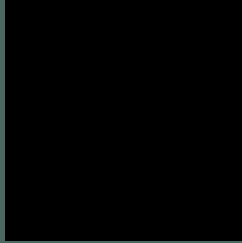
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4C6862 Background



This preview shows how black text looks on a background with the Hex color 4C6862.



This preview shows how white text looks on a background with the Hex color 4C6862.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
4C6862

Protanopia
65625E

Deuteranopia
6B5F64



Tritanopia
4F666E

Trichromacy



Original Color

4C6862

Protanomaly

5C645F

Deuteranomaly

606263

Tritanomaly

4E676A

Monochromacy



Original Color

4C6862

Achromatopsia

5F5F5F

Achromatomaly

586260

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6862 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4C6862 looks like.

```
.text, #text, p{  
    color:#4C6862  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4C6862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6862
}
```

Border

The CSS property to change the border of an element to Hex 4C6862 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C6862 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4C6862 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4C6862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6862; -webkit-box-shadow:4px 4px  
4px 4px #4C6862; box-shadow:4px 4px 4px  
4px #4C6862 }
```

Background

The CSS property to change the background color of an element to Hex 4C6862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6862 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4C6862 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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